



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
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APPLN. NO.

09/812,140

APPLICANT:

Herbert J. Neuhaus et al.

FILING DATE

19 March 2001

GROUP

2826

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>AW</i>	3,100,933	08/1963	Hancock et al.	228	116	
	3,203,083	08/1965	Obenhaus	228	115	
	3,330,982	07/1967	Dickson, Jr.	324	754	
	3,482,726	12/1969	Schroeder, Jr.	228	115	
	3,555,664	01/1971	Bingham et al.	228	115	
	3,596,027	07/1971	Okutomi et al.	200	266	
	3,632,319	01/1972	Hoppin et al.	29	487	
	3,700,427	10/1972	Hoppin, III et al.	75	5R	
	3,701,021	10/1972	Isaac et al.	324	754	
	3,921,885	11/1975	Knox	228	116	
	4,606,778	08/1986	Jahnke	148	11.5N	
	4,695,707	09/1987	Young	219	392	
	4,926,118	05/1990	O'Connor et al.	324	158 F	
	5,007,842	04/1991	Deak et al.	439	66	
	5,010,249	04/1991	Nishikawa	250	306	
	5,012,187	04/1991	Littlebury	324	158 P	
	5,037,312	08/1991	Casciotti et al.	439	66	
	5,061,191	10/1991	Casciotti et al.	439	66	
	5,100,338	03/1992	Lu	439	326	
	5,163,837	11/1992	Rowlette, Sr.	439	91	
	5,173,055	12/1992	Grabbe	439	66	
	5,226,226	07/1993	Fierkens	29	827	
	5,302,891	04/1994	Wood et al.	324	754	
	5,336,096	08/1994	Ozawa et al.	439	72	
	5,402,077	03/1995	Agahdel et al.	324	758	
	5,475,317	12/1995	Smith	324	754	
	5,492,266	02/1996	Hoebener et al.	228	248.1	
	5,634,265	06/1997	Difrancesco	29	825	
	5,660,570	08/1997	Chan et al.	439	886	
	5,762,259	06/1998	Hubacher et al.	228	180.22	
	6,036,099	03/2000	Leighton	235	488	
	6,037,879	03/2000	Tuttle	340	825.54	
	6,156,390	12/2000	Henry et al.	427	122	
	6,164,551	12/2000	Altwasser	235	492	
	6,229,445	05/2001	Wack	340	572.7	
	6,238,597	05/2001	Yim et al.	252	512	
	6,317,326	11/2001	Vogel et al.	361	704	
	6,353,420	03/2002	Chung	343	895	
	6,380,845	04/2002	Tuttle	340	10.4	
<i>AW</i>	6,447,898	09/2002	Pfaff	428	346	

EXAMINER INITIAL	PUBLICATION NUMBER	PUBL. DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
APR 15 2003	2001/0007335A1	07/2001	Tuttle et al.	235	492	
	2001/0043141A1	11/2001	Tuttle	340	10.4	
	2002/0011967A1	01/2002	Goff et al.	343	895	
	2002/0071020 A1	06/2002	Novak et al.	347	171	
	2002/0111423 A1	08/2002	Paik et al.	524	739	
	2002/0181208 A1	12/2002	Credelle et al.	361	737	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

on	I. Motizuke, et al., "Preparation of Anisotropic Conductive Fine Particles by Electroless Nickel Plating", Trans IMF, 1999, 71(1), pp 41-43.
	Feldstein; Chapter 11, "Composite Electroless Plating; Electroless Plating", Electroless Plating: Fundamentals & Applications, Date Unknown, pgs. 269-286.
	Wernle, "Manufacturing of Low Cost Smart Label," presented at Intern'l Microelectronics Symposium, October 2000, pgs. 1-5.
	Grosjean, et al., "Some Morphological Characteristics of the Incorporation of Silicon Carbide (SiC) Particles Into Electroless Nickel Deposits", Surface Coatings & Technology 130; 2000, pgs. 252-256.
	Hogerton et al., "Investigations Into the Use of Adhesives for Level-1 Microelectronic Interconnections", 3M/I&E Sector Labs, 3M Center, prior to February 1990, pp-1-10.
on	Haufler et al., "Diffusion Bonding of Cast and Eb-Welding of PM Nickel-Base Superalloys", High Temperature Alloys for Gas Turbines and Other Applications 1986, Proceedings of a Conference held in Liege, Belgium, October, 1996, D. Reidel Publishing Company, pp-801-810.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.